

AMENDMENTS TO THE SPECIFICATION

Paragraph [0024], please amend:

Furthermore the connector comprises at least one optical terminal element, e.g. a terminal tube, which is substantially cylindrical, for a mating connection with a mating optical terminal element of the mating connector. Furthermore the terminal tube comprises at least one section, which defines a fiber receiving sleeve. The fiber receiving sleeve holds the optical fiber section in order to establish an optical connection between its front optical contact surface and a complementary optical terminal element including an optical fiber of the mating connector when the connector and the mating connector are joined.

Paragraph [0071], please amend:

FIG. 1 shows a connector (1) with a plastic connector housing (2), having an opening (6) on its front (4). The opening (6) provides access to a cavity (8) in the connector housing (2), hereby creating a receptacle (10) for a mating connection with a mating connector (not shown) having a complementary optical terminal element including an optical fiber defining an optical axis.

Paragraph [0078], please amend:

With reference to FIG. (3), wherein the terminal sleeve (12) is shown in detail, it can be seen, that the terminal section (26) has a cylindrical cavity or channel (35) for receiving a mating terminal element (not shown), which can be inserted into the cavity (35). The cavity (35) extends from a front side (36) of the terminal sleeve (12) to a rear stop surface (38), which serves as a stop for the mating connector.

Paragraph [0082], please amend:

With reference to FIG. 4 a perspective rear view into the fiber channel extension (34) from the rear side (48) of the guidance sleeve (32) is shown. In this figure the ramp shape of the engaging lugs (52a) and (52b) can be seen best.

Paragraph [0083], please amend:

The engaging lugs (52a-52d) protrude into the inside of the fiber channel extension (34) close to the end (39) opposing the insertion end (48) of the guide sleeve (32).

Paragraph [0089], please amend:

The fiber section (72) is almost completely inserted into the fiber channel extension (34) and affixed in the fiber channel extension (34) by means of the engaging lugs (52a-52d). Hereby the engaging lugs (52a-52d) mainly reach only into the envelope (78) in a compressing manner, wherein the front surfaces (68a-68d) secure the fiber section (72) in particular against rearward dislocation. Therefore, by means of the engaging lugs (52a-52d) the fiber section (72) is affixed to the fiber channel extension (34) in a durable and safe manner.

Paragraph [0098], please amend:

FIG. 11 explains the optical connection between the fiber sections (72,74) pressed into the fiber channels extensions (34,37) and the associated converters (102,104).